UNITED STATES MARINE CORPS



TACTICAL TRAINING AND EXERCISE CONTROL GROUP MARINE CORPS AIR GROUND COMBAT CENTER BOX 788200 TWENTYNINE PALMS, CA. 92278-8200

> IN REPLY REFER TO: 3500 AIR 26 NOV 01

Ref: (a) CCO P3500.4F

- (b) MCAGCC Range Safety Officer's Package
- (c) MCAGCC/TTECG Inflight Guide
- (d) CAX Safety Handout
- (e) Required Air Support for TTECG Events
- (f) ASCEX II Helicopterborne Operation Handbook

Encl: (1) ASCEX I/II Overview/Administrative Guidance

- (2) Quackenbush Lake Target List
- (3) ASCEX I/II Target Assignment Worksheet
- 1. **LESSON TITLE.** AIR SUPPORT COORDINATION EXERCISE (ASCEX)
- 2. **TRAINING OBJECTIVE.** Proper integration of close air support (CAS) and assault support (AS) with indirect fire by fire support teams (FiST) and forward air conrollers (Airborne).
- 3. COURSE BACKGROUND. The ASCEX lesson plan was first published in January 1993. The lesson plan standardized the procedures used by Tactical Training and Exercise Control Group (TTECG) when conducting ASCEX I and II training for Fire Support Teams (FiSTs). In April 1996, ASCEX III was added as a single day training exercise devoted exclusively to FAC(A) training. Refinements continue to be made to all ASCEX training events in order to improve the training opportunities for both FiSTs and FAC(A) aircrew.
- 4. <u>COURSE DESCRIPTION</u>. ASCEX training consists of three component parts; FiST training, helicopterborne operation (ASCEX I/II), and optional FAC(A) training (ASCEX III).
- a. ASCEX I/II. This is a two day FiST training exercise for a standard 22 day CAX and a three day exercise for each Reserve CAX. The focus is on integration of indirect fires and aviation while attacking selected targets. FiSTs will learn techniques

and procedures for both day and night operations. A building block approach is followed and the level of difficulty increases with each attack the FiSTs plan and execute. Each FiST will execute six different types of attacks during the course of the exercise. FiSTs will follow the schedule assigned by the TTECG Air Representative (see Encl. 3). FiSTs will complete their training in a single day or will train over a two day period. The techniques and procedures learned by the FiSTs during ASCEX I/II will be applied in conjunction with maneuver during the Fire Support Coordination Exercises (FSCEXs), Mobile Assault Courses (MACs), Helicopter Assault Course (HAC), LAR Screen Course (LARSC) and FINEX.

- b. ASCEX III. This is a one day FAC(A) training exercise during the standard 22 day CAX. Due to limited TTECG staffing, ASCEX III may not be supportable as a TTECG event. This limitation does not prevent the EXFOR from executing this training as "unit training" with proper pre-CAX coordination within the MAGTF. ASCEX III is not offered during Reserve CAX's due to training day limitations. ASCEX III training is dedicated exclusively to rotary wing and fixed wing FAC(A) training. ASCEX III is a nine hour event which includes night training. ASCEX III training is an OPTIONAL TRAINING PACKAGE; all or portions may be conducted depending upon the training objectives required by the ACE and/or participating squadrons. There is no artillery ammunition in the CAX allocation to support this exercise. Artillery ammunition must be provided by the participating Marine Aircraft Wing or the supporting artillery battalion.
- c. ASCEX II HeloOp. This is a two hour exercise that will be conducted on the afternoon of ASCEX II. The training focus is on the execution of scheduled fires and CAS in support of a helicopterborne insert and extract.

ASCEX I/II OVERVIEW/ ADMINISTRATIVE GUIDANCE

1. OVERVIEW. ASCEX I/II is conducted in the Quackenbush Lake Range Training Area (RTA) and is supported by two artillery batteries, an 81mm mortar section, and rotary/fixed wing Close Air Support aircraft.

2. **LEARNING OBJECTIVES**

- a. In a tactical desert environment, the GCE shall employ and maintain doctrinal communications nets.
- b. Company FiSTs shall demonstrate proficiency integrating CAS and indirect fires to attack targets.
- c. Company FiSTs shall provide effective Suppression of Enemy Air Defenses (SEAD) to support CAS attacks, when required.
- d. Company FiSTs shall demonstrate proper use of illumination to support CAS attacks during night operations.
- e. Company FiSTs shall demonstrate proficiency in planning and integrating RW and FWCAS with scheduled fires into a night engagement area.
- f. Company FiSTs shall validate their standard operating procedures.
- g. Indirect fire agencies (NSFS, artillery and 81mm mortars) shall provide timely and accurate marks, suppression and illumination as required to support CAS attacks.
- h. Aircrews shall demonstrate appropriate CAS tactics and ordnance delivery skills that are tailored for the given threat.
- i. Forward Air Controllers (FACs) shall use proper techniques and procedures in the development of CAS 9 line briefs that are appropriate for the given threat.
- j. FACs and Forward Observers (FOs) shall demonstrate proficiency in overcoming problems inherent with operations in a desert environment such as range estimation and marking procedures.

- k. FACs shall demonstrate proficiency in safely incorporating ground and airborne laser designators for marking targets in support of CAS attacks.
- 1. FACs shall demonstrate proficiency in terminally controlling RWCAS and FWCAS attacks during day and night operations.
- m. FACs shall demonstrate proficiency in terminally controlling CAS without a mark.
- n. FACs shall demonstrate proficiency in terminally controlling the employment of Precision Guided Munitions (PGMs) and LASER Guided Weapons (LGWs).
- o. Battalion FSCC personnel shall exhibit familiarity with the LVTC-7Al Amphibious Assault Command Vehicle.
- p. Battalion FSCC shall demonstrate proper techniques and procedures for clearing fires in a zone of action. (ASCEX II only and upon approval by TTECG).
- q. The ACE will demonstrate the proper use of an ASE while conducting operations in support of ASCEX I and II.
- r. The DASC will demonstrate the proper procedures for processing immediate JTAR/ASR/MEDEVAC over the doctrinal HF/VHF net.

3. ADMINISTRATIVE INSTRUCTIONS

a. TTECG will schedule the required MCAGCC rangespace and R2501 airspace to support ASCEX I/II. The ACE is responsible for scheduling Bristol MOA for inflight refueling operations when required to support ASCEX. The following specific rangespace and airspace is scheduled to support ASCEX I/II:

Range Training Area	Min/Max Altitudes	Time scheduled
ACORN	1' to 26k MSL	0700-2400
AMERICAN MINE(S of 08N	15k to 26k MSL	0700-2400
BULLION	15k to 26k MSL	0700-2400
CLEGHORN	15k to 26k MSL	0700-2400
DELTA	8k to 26k MSL	0700-2400
EMERSON LAKE	1' to 26k MSL	0700-2400
GAYS PASS	1' to 26k MSL	0700-2400
GYPSUM RIDGE	1' to 26k MSL	0700-2400
LAVIC LAKE	15k to 26k MSL	0700-2400

MAUMEE MINE		5k to 26k MSL	0700-2400
NOBLE PASS		1' to 26k MSL	0700-2400
PROSPECT		12k to 26k MSL	0700-2400
QUACKENBUSH	LAKE	0 to 26k MSL	0001-2400
~		1' to 26k MSL	0700-2400
RAINBOW CYN	(N of 24N)	15k to 26k MSL	0700-2400

- b. Quackenbush Lake RTA is scheduled for personnel movement only, no live fire the day prior to ASCEX I to provide time for staging and preparation.
- c. Exercise force personnel shall occupy the following positions:

(1)	FSCC (OP Left)	NU 671 092.
(2)	FiSTs (OP Left)	NU 671 092.
(3)	DASC (OP Left)	NU 670 090.
(4)	81mm Mtrs	NU 680 095.
/ F \		
(5)	Artillery batteries	NU 71 07 gridsquare,
(5)	Artillery batteries	NU 71 07 gridsquare, azimuth of lay:5700
	RSO (OP Left)	
(6)	-	azimuth of lay:5700

- d. Quackenbush Lake RTA contains the impact area for ASCEX I/II. There are a number of targets (armored vehicle hulks and tire stacks) that are located 1,500 to 8,000 meters from the controlling OP permitting the employment of CAS similar to later CAX events.
- e. The exercise force shall complete all communications checks prior to 0700 on each day of training. Indirect fire check rounds will be controlled by the TTECG artillery representative and should be completed by 0730.
- f. Personnel and equipment (Artillery battery, 81mm mortar section, FSCC and FiST personnel) should be staged and preparations completed the day prior to ASCEX I in order to prevent training delays on the morning of ASCEX I.
- g. TTECG will provide the exercise force (FSCC personnel and all participating FiST personnel) with an orientation brief and exercise overview on the high ground of OP Left prior to the start of the exercise (approx. 0700).

h. Breaks in training are scheduled periodically to permit the debrief of exercise force personnel.

4. SAFETY

- a. The Range Safety Officer (RSO) shall maintain communications with MCAGCC Range Control (Callsign: BEARMAT) at all times on 49.85 MHz.
- b. The RSO shall complete communications checks and put the range in a "hot" status by 0730 each training day once the range sweep has been conducted.
- c. If communications are lost or severly degraded, the RSO shall place all firing agencies in "CHECK FIRE" until communications are restored.
- d. The range will be placed in a "check fire" status at any time there is an interloper within the designated range boundary for ASCEX I/II.

5. ASCEX I/II SCHEDULE

a. Standard 22 day CAX.

(1) ASCEX I

TIME	EVENT
0700	Orientation brief for Bn FiSTs #2 and #3 (including both Bn FACs), Tank Company FiST, Bn FSCC personnel.
0730	Range sweep finished, range hot and comm checks complete.
0800	Check rounds complete.
0800	First air on station.
1245	Bn FiST #1 (minus the FAC) assembles at NH 948 956 (Pavilion near Range 400) following completion of Company #1's run on Range 400. A helicopter will pick up FiST personnel and transport them to OP Left (NU 672 086). Bn FiST #2 (minus the FAC) completes its ASCEX I participation and following a debrief, assembles behind OP Left. The helicopter that transports FiST #1 to

OP Left will also transport FiST #2 from OP Left to Range 400 to participate in its Company's preparation for Range 400 the next morning.

2230 Last air off station. Bn FiST #3
(minus the FAC) and Tank company FiST
can depart OP Left when directed by a
TTECG representative, if all ASCEX
training has been completed.

(2) ASCEX II

TIME 0700	EVENT Orientation brief for Bn FiST #1, LAR company FiST and Bn FSCC personnel.
0730	Range sweep finished, range hot and comm checks complete.
0800	Check rounds complete.
0800	First air on station.
1400	FiST #2 arrives at OP Left following participation on Range 400. FiST #1 completes ASCEX training and can depart OP Left when directed to do so by a TTECG representative.
1500	ASCEX II HeloOp begins. (See Ref. f)
1700	ASCEX II HeloOp ends. ASCEX training continues.
2230	Last air off station. ASCEX I/II

(3) ASCEX III

TIME EVENT

Confirmation brief for participating aircrews and TTECG Air Rep. (in ACE Ready Room or TTECG Classroom on Day 11.)

training complete.

TBD Mission brief

	1200	Comm checks and check rounds complete
	1300	First air on station
	2200	Last air off station
b.	Reserv	ve CAX
	(1)	ASCEX IA
	TIME 0900	EVENT Artillery battery and 81 mm mortar section in place in Quackenbush Lake RTA.
	1300	Bn FiST #3 and Tank company FiST complete FiST practical application and depart TTECG building for Quackenbush Lake RTA.
	1600	Orientation brief for Bn FiST #3 and Tank Company FiST at OP Left.
	1630	Range sweep finished, range hot and check rounds complete.
	1730	First air on station.
	2230	Last air off station.
	(2)	ASCEX IB
	TIME 0830	EVENT Orientation brief for Bn FiST #2, Bn FiST #3 Tank company FiST, LAR FiST and Bn FSCC personnel.
	0900	Range sweep finished, range hot and check rounds complete.
	1000	First air on station.
	1300	Bn FiST #1 (minus the FAC) assembles at NH 948 956 (Pavilion near Range 400) following completion of Company #1's run on Range 400. A helicopter will pick up FiST personnel and transport

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them to OP Left (NU 672 086). After an

orientation brief, Bn FiST #1 begins participation in ASCEX.

1900 Last air off station. Bn FiST #3
(minus the FAC) and Tank company FiST
can depart OP Left when directed by a
TTECG representative, if all ASCEX
training has been completed.

(3) ASCEX II (TBD)

TIME	EVENT
1430	Range sweep finished, range hot and check rounds complete.
1500	ASCEX II Helo Op begins (see Ref. F)
1700	ASCEX II HeloOp ends. ASCEX training continues.
2230	Last air off station. ASCEX I/II training complete.

6. AIR SUPPORT

a. REF (e) defines required air support for ASCEX I/II. The ACE will generate an ATO to support ASCEX I/II using the guidance provided by TTECG at the CAX LOI conference. For planning purposes, the ACE should expect to support ASCEX I/II with the following approximate number of sorties:

(1) Standard 22 day CAX:

- (a) ASCEX I: 16 FWCAS sorties, 6 RWCAS sorties, 1 assault support sortie. 14 $\frac{1}{2}$ hours of flight operations.
- (b) ASCEX II: 10 FWCAS sorties, 6 RWCAS sorties, 2 assault support sorties, 2 C/C sorties (includes sorties to support FiSHO). 14 ½ hours of flight operations.

(2) Reserve CAX:

- (a) ASCEX IA: 6 FWCAS sorties, 4 RWCAS sorties. 5 ½ hours of flight operations.
- (b) ASCEX IB: 8 FWCAS sorties, 6 RWCAS sorties. 9 hours of flight operations.

- (c) ASCEX II: 8 FWCAS sorties, 6 RWCAS sorties, 2 assault support sorties, 1 C/C sortie (includes sorties to support FiSHO). 8 hours of flight operations.
- b. TTECG will provide ACE participants with debrief comments as applicable. Time critical comments will be forwarded by the TTECG air representative to "Sidewinder TACC", the TTECG augment controller, who resides in the TACC during flight operations for forwarding to the ACE.
- c. The DASC shall be operational for ASCEX when communications checks commence. All doctrinal nets shall be established, tested and maintained. The DASC shall exercise procedural handling and routing of aircraft and processing of JTAR requests. TTECG retains launch authority for all aircraft launched from strip alert. Launch commands will be forwarded from the TTECG air representative to the TACC via Sidewinder TACC. The DASC shall conduct necessary coordination with MCAGCC Range Control (Callsign: BEARMAT) for R2501 airspace.
- d. CP CHEVY will be used as the anchor point for all FWCAS aircraft. Aircraft will be held east of CHEVY at the assigned altitude. Multiple sections will be stacked at CHEVY with at least 2,000 ft separation. FACs shall route FWCAS aircraft back to CHEVY at the completion of the attack for handoff to the next FAC or the DASC if mission complete. The DASC will designate a separate control point for use as a contact point.
- e. The following MCAGCC control points should be used to support ASCEX:
 - (1) Fixed Wing: CHEVY, DODGE, LOTUS, NASH.
- (2) Rotary Wing: DALLAS, SAN ANTONIO, SAN DIEGO.
- f. All CAS sections will carry enough ordnance to execute the appropriate number of CAS attacks as delineated in reference (e).
- g. Tanker support is not required for FWCAS aircraft operating from the 29 Palms EAF when supporting ASCEX. However, tanker support is required when FWCAS aircraft are supporting ASCEX from other operating bases.

7. **EXECUTION**

- a. TTECG will provide each FiST with target assignments per the list in enclosure (2). FACs/FOs must use appropriate skills to determine the exact target location. The target falls somewhere within the indicated circle. Throughout the training day a "building block" approach will be used and the level of difficulty increased. Each FiST will have the opportunity to execute each of the following seven types of attacks.
 - (1) Suppress, mark and attack a target with indirect fire weapons and FWCAS.
 - (2) Suppress, mark and attack a target with indirect fire weapons and RWCAS.
 - (3) Suppress, mark and attack a target with indirect fire weapons and FWCAS while suppressing an adjacent air defense asset.
 - (4) Suppress, mark and attack a target with indirect fire weapons and FWCAS while suppressing a deep air defense asset.
 - (5) Suppress, mark and attack a target with indirect fire weapons, FWCAS and RWCAS while suppressing an air defense asset (adjacent or deep).
 - (6) Suppress, illuminate, mark and attack a target at night with indirect fire weapons and FWCAS (Reserve CAX FiST's).
 - (7) Plan and control scheduled fires (indirect fire weapons, FWCAS and RWCAS) for a night engagement area.
- b. All Bomb Damage Assessment (BDA) following attacks will be provided by a TTECG representative.
- c. All AN/PAQ-3 MULE's, SOFLAM and AN/PAQ-4 laser and IR marking devices/pointers should be brought to the field for ASCEX. Systems should be checked and tested for proper operation prior to first air on station. TACP personnel should be thoroughly familiar with the use of this system as well as night vision devices and IR pointers.

- 8. SCENARIOS. The following scenarios shall be used for ASCEX I and II.
 - a. ASCEX I and II, 0800 1200.
- (1) Simulated weather conditions: 8,000 ft overcast in the target area.
- (2) The GCE is conducting a movement to contact in Southern Quackenbush Lake and has come in contact with elements of a Samaran motorized rifle company MRC).
 - (3) Samaran SAWs.
 - (a) SA-8 operating in Lavic Lake, last known location NU 59 33.
 - (b) S-60 operating in Gays Pass, last known location NU 580 225.
 - (c) Two Roland II SAMs operating in Quackenbush Lake. At 0700, one was identified at NU 615 190; the second has not yet been located.
 - (d) The MRC is equipped with SA-14 SAMs.
 - b. ASCEX I and II, 1200 1800.
 - (1) Simulated weather conditions: 12,000 ft overcast in the target area.
 - (2) The GCE remains in contact with the elements of the Samaran MRC.
 - (3) Samaran SAWs remain the same.
 - c. ASCEX I and II, 1800 2400.
 - (1) Weather is clear with unrestricted visibility.
 - (2) The GCE has established defensive positions in Southern Quackenbush Lake and is in contact with a Samaran MRC.
 - (3) It is suspected that a ZSU 23/4 accompanies the MRC.
 - d. ASCEX III.

- (1) A mission commander should be designated to coordinate planning and act as a central point of contact for the exercise force.
- (2) A separate intelligence summary will be provided to the mission commander by the TTECG Air Representative.
- (3) ASCEX III will be conducted in the Quackenbush Range Training Areas.

ASCEX I/II TARGET LIST

TGT No.	GRID (NU)	DESCRIPTION
G1	NU 630 168	Tank Hulk, 2xTire stacks
B5	NU 643 166	2xTire stacks
G2	NU 657 164	Tank Hulk, 2xTire stacks
B3	NU 678 165	2xTire Stacks
B1	NU 693 152	1xTire Stack
Аб	NU 613 176	1xTire Stack
Tgt 1	NU 680 116	1xTire Stack
Tgt 2	NU 657 127	Arm retriever and junk pile
Tgt 3	NU 655 111	1xTire stack
Tgt 4	NU 672 130	1xTire stack
Tgt 5	NU 681 127	Arm retriever and tire stack
Tgt 6	NU 669 114	1xTank Hulk and tire stack
Tgt 7	NU 678 139	1xTire stack and 2xJunk piles
Tgt 8	NU 660 114	1xTank Hulk and tire stack
Tgt 9	NU 670 122	Arm retriever and tire stack
Tgt 10	NU 648 137	2xTire stacks
Tgt 11	NU 658 142	Arm retriever and tire stack
Tgt 12	NU 662 129	2xTire stacks
Tgt 13	NU 644 132	Arm retriever and tire stack
Tgt 14	NU 667 154	1xTire stack
Tgt 15	NU 649 148	1xTire stack
Tgt 16	NU 685 123	1xTire stack
Tgt 17	NU 666 106	Tank Hulk/Tire stack

ASCEX I TARGET ASSIGNMENTS

FiST #1	Co	Tgts 6,12,9
FiST #2	Co	Tgts 8,9,12
FiST #3	Co	Tgts 17,6,8
FiST #4	Tank Co	Tgts 9,5,4
FiST #5	LAR Co	Tgts 6,8,12

ASCEX I

ASCEX					1		1	1		
Section	C/S	TOS	FiST	Pkg #	Tgt #1	Tgt grid	Tgt desc	Tgt #2	Tgt grid	Tgt desc
FW 1		0800-0915	2	1	9	670 122	1 x T72	N/A		
"			3	1	17	666 106	1 x T72	N/A		
"			4	1	5	681 127	1 x T72	N/A		
FW 2		0930-1045	2	3	9	670 122	2 x T72	8	660 114	ZSU 23-4
"			2	4	9	670 122	2 x T72	12	663 129	S-60
RW 1		1100-1300	2	2	9	670 122	2 BMP +Inf	N/A		
"			3	2	17	666 106	2 BMP +Inf	N/A		
"			4	2	5	681 127	2 BMP +Inf			
Dbrf		1300-1330								
FW 3		1330-1445	3	3	17	666 106	2 x T72	6	668 114	ZSU 23-4
"			4	3	5	681 127	2 x T72	9	670 122	ZSU 23-4
"			1	1	6	668 114	2 x T72	N/A		
FW4/ RW2		1500-1615	3	5	17	666 106	2 x T72 +Inf	8	660 114	ZSU 23-4
"			4	5	5	681 127	2 x T72 +Inf	9	670 122	ZSU 23-4
۲۲			1	5	6	668 114	2 x T72 +Inf	9	670 122	ZSU 23-4
FW 5		1645-1800	3	4	17	666 106	2 x T72	8	660 114	S-60
"			4	4	5	681 127	2 x T72	4	672 130	S-60
66			1	3	6	668,114	2 x T72	9	670 122	ZSU 23-4
Dbrf		1800-1830								

ASCEX I (cont)

Section	C/S	TOS	FiST	Pkg	Tgt	Tgt grid	Tgt desc	Tgt	Tgt grid	Tgt desc
				#	#1			#2		
FW6/		2000-2100	3	7		NIGHT				
RW 3						EA				
"			4	7		"				
FW7/		2200-2300	1	7		"				
RW 4										
"			4	7		"				
Dbrf		2330-2400								

ASCEX FiST Training Schedule

Package	FiST #1	FiST #2	FiST #3	FiST #4	FiST #5
1 FW-Sgl Tgt	I-PM	I-AM	I-AM	I-AM	II-AM
2 RW-Sgl Tgt	II-AM	I-AM	I-AM	I-AM	II-AM
3 FW-Adj Ada	I-PM	I-AM	I-PM	I-PM	II-AM
4 FW-Dp Ada	II-AM	I-AM	I-PM	I-PM	II-AM
5 FW-RW	I-PM	II-PM	I-PM	I-PM	II-PM
6 Night	-	-	-	-	-
7 Night EA	I-PM	II-PM	I-PM	I-PM	II-PM

ASCEX II TARGET ASSIGNMENTS

FiST #1	Co	Tgts 6,12,9
FiST #2	Co	Tgts 8,9,12
FiST #3	Co	Tgts 17,6,8
FiST #4	Tank Co	Tgts 9,5,4
FiST #5	LAR Co	Tgts 6,8,12

ASCEX II

ASCEA II										
Section	C/S	TOS	FiST	Pkg #	Tgt #1	Tgt grid	Tgt desc	Tgt #2	Tgt grid	Tgt desc
FW 1		0800-0915	5	1	8	660 114	1 x T72	N/A		
"			5	3	8	660 114	2 x T72	6	668 114	ZSU 23-4
FW 2		0930-1045	1	3	9	670 122	2 x T72	6	668 114	S-60
"			5	4	8	660 114	2 x T72	12	663 129	S-60
RW 1		1100-1300	1	2	9	670 122	2 BMP + Inf	N/A		
"			5	2	8	660 114	2 BMP + Inf	N/A		
FW 3		1200-1315	5	5	8	660 114	2 x T72 + Inf	6	668 114	ZSU 23-4
"			1	4	9	670 122	2 x T72	12	663 129	S-60
Dbrf		1315-1400								
FAC(A) Trng		1300-1400								
Helo Op		1400-1730	2							
FAC(A) Trng		1715-1815								
FW 5		1745-1900	Extra							
"			Extra							
"			Extra							
Dbrf		1900-1930								

ASCEX II (cont)

Section	C/S	TOS	FiST	Pkg	Tgt	Tgt grid	Tgt desc	Tgt	Tgt grid	Tgt desc
				#	#1			#2		
FW6/		2000-2100	5	7		NIGHT				
RW 3						EA				
"			2	7		"				
FW7/		2200-2300	5	7		"				
RW 4										
"			2	7		"				
Dbrf		2330-2400								

ASCEX FiST Training Schedule

Package	FiST #1	FiST #2	FiST #3	FiST #4	FiST #5
1 FW-Sgl Tgt	I-PM	I-AM	I-AM	I-AM	II-AM
2 RW-Sgl Tgt	II-AM	I-AM	I-AM	I-AM	II-AM
3 FW-Adj Ada	I-PM	I-AM	I-PM	I-PM	II-AM
4 FW-Dp Ada	II-AM	I-AM	I-PM	I-PM	II-AM
5 FW-RW	I-PM	II-PM	I-PM	I-PM	II-PM
6 Night	-	-	-	-	-
7 Night EA	I-PM	II-PM	I-PM	I-PM	II-PM